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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

12-1-2021

2021-12-01_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

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Michigan Data

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Coronavirus
Symptoms

Cumulative
Recovered

Outbreak
Reporting

School-Related
Outbreak
Reporting

Wastewater
Surveillance

Testing
Turnaround
Time

MIS-C Data
and Reporting

Data and
Modeling
Updates

COVID case and testing data will be posted three times a week on Mondays, Wednesdays and Fridays.

Note on cases (12/01/2021): Today's daily case count represents new referrals of confirmed cases to the MDSS since the last web update report. Over the two days (Tuesday and Wednesday), the average number of new confirmed cases is 8265 per day.

Note on deaths (12/01/2021): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **160** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday, Wednesday & Friday. **Looking for COVID-19 Vaccine data? Click here.**

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

63-1402

1403-5262

5263-18241

18242-170524

170525+

Michigan

Wednesday, December 01, 2021

Current Totals

Laboratory Testing

TestType	Tests Performed
Diagnostic	18,821,489
NA	19,563,992
Total	39,127,984

Microsoft Power BI

< 1 of 7 >

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Confirmed Deceased Cases by Ethnicity
Hispanic/Latino	4.92%	3.23%
Non-Hispanic/Latino	69.46%	88.74%
Unknown	25.61%	8.04%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Deceased Confirmed Cases by Ethnicity
Arab	2.33%	1.58%
Non-Arab	45.35%	51.46%
Unknown	52.33%	46.97%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 12/01/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County



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Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 11/23/2021): 1,090,933

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on November 23, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to October 24, 2021. If an individual expires from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Monday.

Source: Michigan Disease Surveillance System and Vital Records

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

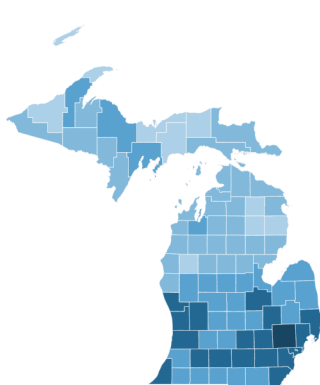
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County



- 63-1402
- 1403-5262
- 5263-18241
- 18242-170524
- 170525+

Michigan

Wednesday, December 01, 2021

Michigan (Statewide) Case Fatality Rate

1.8%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,318,123	24,090
Probable	176,830	1,708
Total	1,494,953	25,798

Laboratory Testing

TestType	Tests Performed
Diagnostic	18,821,489
NA	19,563,992
Total	39,127,984

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

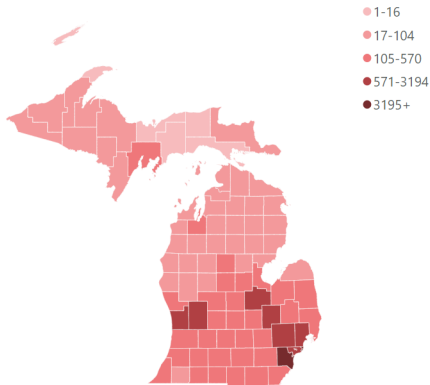
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection **AND** are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

Deaths by County



Michigan

Wednesday, December 01, 2021

Michigan (Statewide) Case Fatality Rate

1.8%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,318,123	24,090
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TestType	Tests Performed
Diagnostic	18,821,489
NA	19,563,992
Total	39,127,984

Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

Filter by Date:

3/1/2020

12/1/2021

Cases by Date of Onset

CASE_STATUS ● Confirmed ● Probable

10K

8K

6K

4K

2K

0K

Apr 2020

Jul 2020

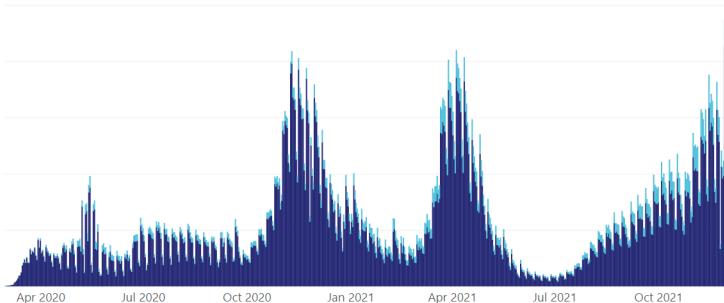
Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021



Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

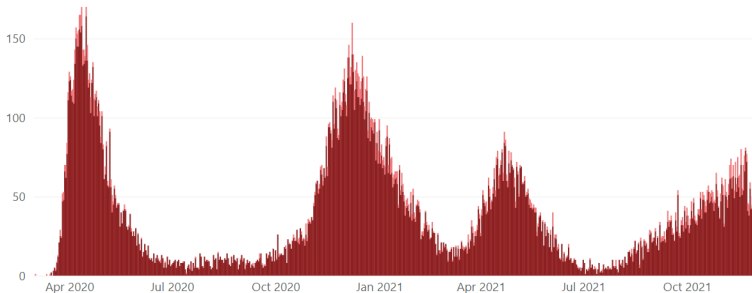
Filter by Date:

3/1/2020

12/1/2021

Deaths by Date of Death

CASE_STATUS ● Confirmed ● Probable





STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

12/1/2021

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Cumulative Cases ● Cumulative Deaths

1.4M

1.2M

1.0M

0.8M

0.6M

0.4M

0.2M

0.0M

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

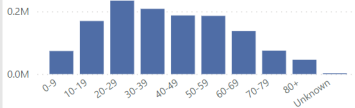
Select Preparedness Region:

All

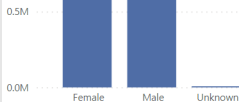
Select county:

All

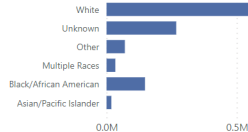
Cases by Age Group



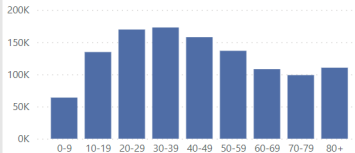
Cases by Sex



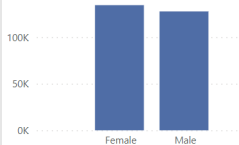
Cases by Race



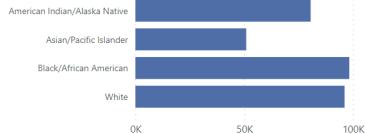
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

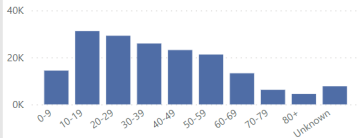
Select Preparedness Region:

All

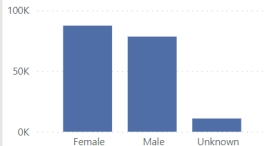
Select county:

All

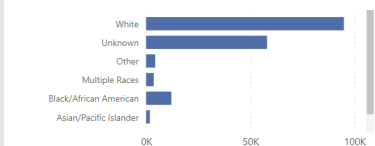
Cases by Age Group



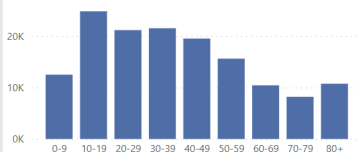
Cases by Sex



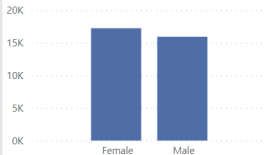
Cases by Race



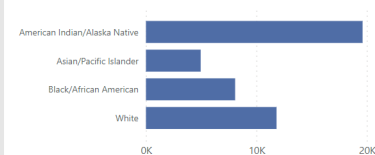
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

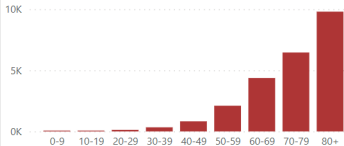
Select Preparedness Region:

All

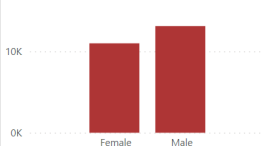
Select county:

All

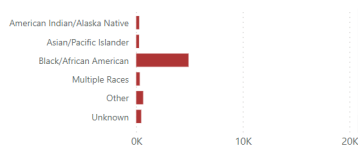
Deaths by Age Group



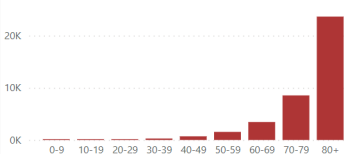
Deaths by Sex



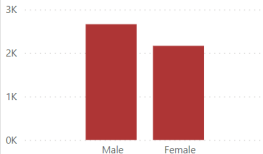
Deaths by Race



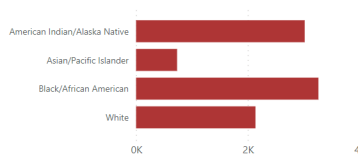
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

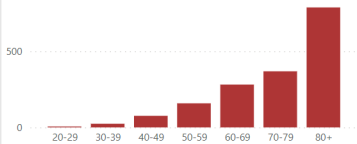
Select Preparedness Region:

All

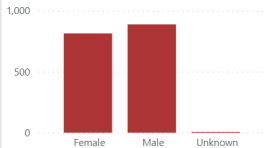
Select county:

All

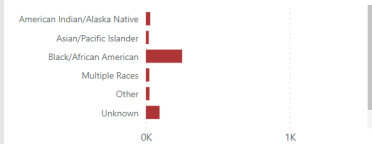
Deaths by Age Group



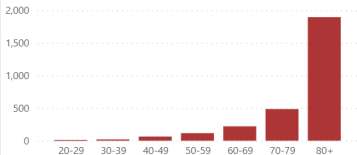
Deaths by Sex



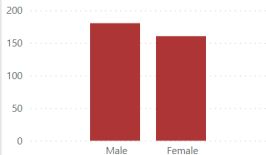
Deaths by Race



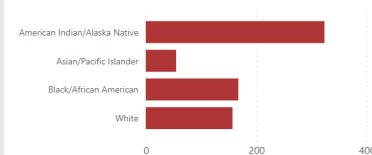
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both confirmatory tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to COVID-19.

Filter by Date:

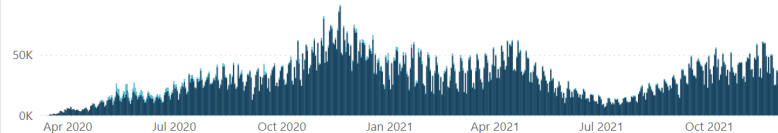
3/10/2020

11/30/2021

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● NA ● Serology

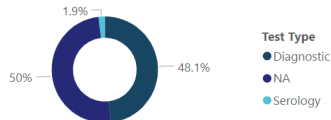
100K



Total Tests Completed to Date

Test Type	Total Tests	Tests per Million Residents
Diagnostic	18,821,489	1,883,820
NA	19,563,992	
Serology	742,503	74,316
Total	39,127,984	3,916,272

Percent of Tests Completed by Type





STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Charts

Select Preparedness Region

All



Select County

All



Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests. Confirmatory tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Confirmatory Covid-19 Laboratory Tests

Confirmatory tests are used to determine if an individual is currently infected with COVID-19.

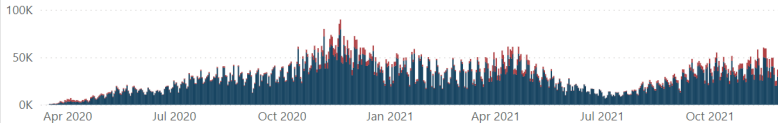
Filter by Date

3/10/2020

11/30/2021

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive



Percent of Confirmatory Tests That Were Positive



Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2021-12-01

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/12/01 14:19:38	Alcona	1023	45	308	6
2021/12/01 14:19:38	Alger	639	4	354	5
2021/12/01 14:19:38	Allegan	16364	194	1879	28
2021/12/01 14:19:38	Alpena	3058	79	1002	4
2021/12/01 14:19:38	Antrim	2170	37	696	6
2021/12/01 14:19:38	Arenac	1932	43	190	1
2021/12/01 14:19:38	Baraga	1199	44	205	2
2021/12/01 14:19:38	Barry	8266	97	1438	9
2021/12/01 14:19:38	Bay	16057	410	1358	20
2021/12/01 14:19:38	Benzie	1651	41	488	4
2021/12/01 14:19:38	Berrien	19706	325	2304	24
2021/12/01 14:19:38	Branch	6987	121	736	5
2021/12/01 14:19:38	Calhoun	18872	381	3325	20
2021/12/01 14:19:38	Cass	6996	97	1082	7
2021/12/01 14:19:38	Charlevoix	2128	36	920	7
2021/12/01 14:19:38	Cheboygan	2451	75	847	3
2021/12/01 14:19:38	Chippewa	1892	47	2624	10
2021/12/01 14:19:38	Clare	3923	116	669	4
2021/12/01 14:19:38	Clinton	8810	126	3766	8
2021/12/01 14:19:38	Crawford	1520	18	251	0
2021/12/01 14:19:38	Delta	5418	103	1228	20
2021/12/01 14:19:38	Dickinson	3418	70	1266	17
2021/12/01 14:19:38	Eaton	13912	267	2376	15
2021/12/01 14:19:38	Emmet	2935	54	1061	1
2021/12/01 14:19:38	Genesee	47962	1084	14177	94
2021/12/01 14:19:38	Gladwin	3142	82	611	4
2021/12/01 14:19:38	Gogebic	1720	27	427	29
2021/12/01 14:19:38	Grand Traverse	9055	126	1987	19
2021/12/01 14:19:38	Gratiot	5144	135	1931	6
2021/12/01 14:19:38	Hillsdale	6711	143	731	5
2021/12/01 14:19:38	Houghton	4428	51	836	10
2021/12/01 14:19:38	Huron	4353	95	1389	8
2021/12/01 14:19:38	Ingham	32226	494	4707	15
2021/12/01 14:19:38	Ionia	10608	115	299	3
2021/12/01 14:19:38	Iosco	3143	98	387	6
2021/12/01 14:19:38	Iron	1550	54	177	13
2021/12/01 14:19:38	Isabella	8794	135	1649	8
2021/12/01 14:19:38	Jackson	23256	363	2753	13
2021/12/01 14:19:38	Kalamazoo	31196	439	3939	52
2021/12/01 14:19:38	Kalkaska	1978	40	190	1
2021/12/01 14:19:38	Kent	102054	1000	8602	107
2021/12/01 14:19:38	Keweenaw	324	8	41	1
2021/12/01 14:19:38	Lake	1057	24	149	3
2021/12/01 14:19:38	Lapeer	11445	268	2337	8
2021/12/01 14:19:38	Leelanau	1626	32	531	3
2021/12/01 14:19:38	Lenawee	13840	212	2201	6

2021/12/01 14:19:38	Livingston	24585	278	4400	17
2021/12/01 14:19:38	Luce	413	4	461	1
2021/12/01 14:19:38	Mackinac	1002	13	520	1
2021/12/01 14:19:38	Macomb	129938	2723	12042	162
2021/12/01 14:19:38	Manistee	1844	42	352	5
2021/12/01 14:19:38	Marquette	6782	84	1494	5
2021/12/01 14:19:38	Mason	3911	57	253	1
2021/12/01 14:19:38	Mecosta	5406	64	349	3
2021/12/01 14:19:38	Menominee	2866	49	1011	8
2021/12/01 14:19:38	Midland	11148	148	996	11
2021/12/01 14:19:38	Missaukee	1724	29	378	13
2021/12/01 14:19:38	Monroe	19826	300	4218	33
2021/12/01 14:19:38	Montcalm	9284	144	1239	3
2021/12/01 14:19:38	Montmorency	922	34	339	2
2021/12/01 14:19:38	Muskegon	25287	444	1025	13
2021/12/01 14:19:38	Newaygo	7399	101	516	3
2021/12/01 14:19:38	Oakland	148137	2653	22388	182
2021/12/01 14:19:38	Oceana	4287	69	215	6
2021/12/01 14:19:38	Ogemaw	2552	66	549	7
2021/12/01 14:19:38	Ontonagon	618	23	77	1
2021/12/01 14:19:38	Osceola	3095	50	473	0
2021/12/01 14:19:38	Oscoda	916	43	188	2
2021/12/01 14:19:38	Otsego	3034	60	904	8
2021/12/01 14:19:38	Ottawa	45799	498	4269	74
2021/12/01 14:19:38	Presque Isle	1242	44	371	2
2021/12/01 14:19:38	Roscommon	2651	77	651	6
2021/12/01 14:19:38	Saginaw	29715	690	2373	24
2021/12/01 14:19:38	Sanilac	5224	141	863	10
2021/12/01 14:19:38	Schoolcraft	746	6	304	1
2021/12/01 14:19:38	Shiawassee	9333	145	1923	8
2021/12/01 14:19:38	St Clair	22144	533	4456	29
2021/12/01 14:19:38	St Joseph	8750	121	1188	13
2021/12/01 14:19:38	Tuscola	7416	203	1532	18
2021/12/01 14:19:38	Van Buren	10382	170	744	16
2021/12/01 14:19:38	Washtenaw	34913	340	4197	9
2021/12/01 14:19:38	Wayne	144703	2990	10941	205
2021/12/01 14:19:38	Wexford	3776	67	787	7
2021/12/01 14:19:38	MDOC	26047	154	2044	3
2021/12/01 14:19:38	FCI	316	5	5	0
2021/12/01 14:19:38	Out-of-State	2603	29	202	3
2021/12/01 14:19:38	Unknown	24	1	40	0
2021/12/01 14:19:38	Detroit City	70424	2543	5129	153

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

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The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2021-12-01

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	313	0
Confirmed	10-19	American Indian/Alaska Native	Female	600	0
Confirmed	20-29	American Indian/Alaska Native	Female	764	0
Confirmed	30-39	American Indian/Alaska Native	Female	667	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	577	10
Confirmed	50-59	American Indian/Alaska Native	Female	512	17
Confirmed	60-69	American Indian/Alaska Native	Female	335	26
Confirmed	70-79	American Indian/Alaska Native	Female	168	37
Confirmed	80+	American Indian/Alaska Native	Female	91	40
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	555	0
Confirmed	10-19	Asian/Pacific Islander	Female	1238	0
Confirmed	20-29	Asian/Pacific Islander	Female	1975	0
Confirmed	30-39	Asian/Pacific Islander	Female	1816	6
Confirmed	40-49	Asian/Pacific Islander	Female	1549	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	1164	11
Confirmed	60-69	Asian/Pacific Islander	Female	598	16
Confirmed	70-79	Asian/Pacific Islander	Female	311	32
Confirmed	80+	Asian/Pacific Islander	Female	176	40
Confirmed	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Confirmed	0-9	Black/African American	Female	4648	Suppressed
Confirmed	10-19	Black/African American	Female	9173	Suppressed
Confirmed	20-29	Black/African American	Female	15771	24
Confirmed	30-39	Black/African American	Female	14602	51
Confirmed	40-49	Black/African American	Female	10925	103
Confirmed	50-59	Black/African American	Female	9036	262
Confirmed	60-69	Black/African American	Female	6866	534
Confirmed	70-79	Black/African American	Female	3736	625
Confirmed	80+	Black/African American	Female	2359	762
Confirmed	Unknown	Black/African American	Female	36	0
Confirmed	0-9	Multiple Races	Female	1177	0
Confirmed	10-19	Multiple Races	Female	2937	Suppressed
Confirmed	20-29	Multiple Races	Female	3384	0
Confirmed	30-39	Multiple Races	Female	2501	Suppressed
Confirmed	40-49	Multiple Races	Female	2395	6
Confirmed	50-59	Multiple Races	Female	2407	10
Confirmed	60-69	Multiple Races	Female	1736	23
Confirmed	70-79	Multiple Races	Female	952	35
Confirmed	80+	Multiple Races	Female	588	73
Confirmed	Unknown	Multiple Races	Female	13	0
Confirmed	0-9	Other	Female	2672	Suppressed
Confirmed	10-19	Other	Female	5146	Suppressed
Confirmed	20-29	Other	Female	6933	Suppressed
Confirmed	30-39	Other	Female	5742	Suppressed
Confirmed	40-49	Other	Female	5177	15
Confirmed	50-59	Other	Female	4075	27
Confirmed	60-69	Other	Female	2600	62

Confirmed	70-79	Other	Female	1272	59
Confirmed	80+	Other	Female	767	102
Confirmed	Unknown	Other	Female	20	0
Confirmed	0-9	Unknown	Female	6111	0
Confirmed	10-19	Unknown	Female	16308	0
Confirmed	20-29	Unknown	Female	24843	Suppressed
Confirmed	30-39	Unknown	Female	22411	Suppressed
Confirmed	40-49	Unknown	Female	21048	8
Confirmed	50-59	Unknown	Female	20714	16
Confirmed	60-69	Unknown	Female	12869	36
Confirmed	70-79	Unknown	Female	5894	50
Confirmed	80+	Unknown	Female	3527	92
Confirmed	Unknown	Unknown	Female	180	0
Confirmed	0-9	White	Female	20187	Suppressed
Confirmed	10-19	White	Female	51243	Suppressed
Confirmed	20-29	White	Female	69791	26
Confirmed	30-39	White	Female	61935	67
Confirmed	40-49	White	Female	55658	169
Confirmed	50-59	White	Female	56161	459
Confirmed	60-69	White	Female	44069	1065
Confirmed	70-79	White	Female	26133	1819
Confirmed	80+	White	Female	19649	4137
Confirmed	Unknown	White	Female	161	0
Confirmed	0-9	American Indian/Alaska Native	Male	262	0
Confirmed	10-19	American Indian/Alaska Native	Male	595	0
Confirmed	20-29	American Indian/Alaska Native	Male	616	Suppressed
Confirmed	30-39	American Indian/Alaska Native	Male	543	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	485	6
Confirmed	50-59	American Indian/Alaska Native	Male	392	17
Confirmed	60-69	American Indian/Alaska Native	Male	310	57
Confirmed	70-79	American Indian/Alaska Native	Male	155	37
Confirmed	80+	American Indian/Alaska Native	Male	57	26
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	653	0
Confirmed	10-19	Asian/Pacific Islander	Male	1216	0
Confirmed	20-29	Asian/Pacific Islander	Male	2169	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1658	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	1297	8
Confirmed	50-59	Asian/Pacific Islander	Male	1061	12
Confirmed	60-69	Asian/Pacific Islander	Male	619	35
Confirmed	70-79	Asian/Pacific Islander	Male	285	53
Confirmed	80+	Asian/Pacific Islander	Male	138	44
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	4804	0
Confirmed	10-19	Black/African American	Male	8270	Suppressed
Confirmed	20-29	Black/African American	Male	13240	30
Confirmed	30-39	Black/African American	Male	12831	68
Confirmed	40-49	Black/African American	Male	10476	170
Confirmed	50-59	Black/African American	Male	9318	381
Confirmed	60-69	Black/African American	Male	6547	640

Confirmed	70-79	Black/African American	Male	3215	738
Confirmed	80+	Black/African American	Male	1321	510
Confirmed	Unknown	Black/African American	Male	12	0
Confirmed	0-9	Multiple Races	Male	1292	Suppressed
Confirmed	10-19	Multiple Races	Male	2805	Suppressed
Confirmed	20-29	Multiple Races	Male	2828	Suppressed
Confirmed	30-39	Multiple Races	Male	2026	Suppressed
Confirmed	40-49	Multiple Races	Male	1937	9
Confirmed	50-59	Multiple Races	Male	1893	13
Confirmed	60-69	Multiple Races	Male	1579	44
Confirmed	70-79	Multiple Races	Male	857	46
Confirmed	80+	Multiple Races	Male	376	64
Confirmed	Unknown	Multiple Races	Male	10	0
Confirmed	0-9	Other	Male	2800	Suppressed
Confirmed	10-19	Other	Male	5151	Suppressed
Confirmed	20-29	Other	Male	6985	Suppressed
Confirmed	30-39	Other	Male	5888	7
Confirmed	40-49	Other	Male	5491	34
Confirmed	50-59	Other	Male	4447	51
Confirmed	60-69	Other	Male	2698	100
Confirmed	70-79	Other	Male	1212	96
Confirmed	80+	Other	Male	510	86
Confirmed	Unknown	Other	Male	18	0
Confirmed	0-9	Unknown	Male	6382	Suppressed
Confirmed	10-19	Unknown	Male	15543	Suppressed
Confirmed	20-29	Unknown	Male	25210	Suppressed
Confirmed	30-39	Unknown	Male	22305	12
Confirmed	40-49	Unknown	Male	20031	20
Confirmed	50-59	Unknown	Male	20387	37
Confirmed	60-69	Unknown	Male	12419	47
Confirmed	70-79	Unknown	Male	4885	62
Confirmed	80+	Unknown	Male	2112	77
Confirmed	Unknown	Unknown	Male	217	0
Confirmed	0-9	White	Male	21288	Suppressed
Confirmed	10-19	White	Male	48181	Suppressed
Confirmed	20-29	White	Male	58582	39
Confirmed	30-39	White	Male	52176	104
Confirmed	40-49	White	Male	48954	266
Confirmed	50-59	White	Male	53383	793
Confirmed	60-69	White	Male	43590	1690
Confirmed	70-79	White	Male	25479	2776
Confirmed	80+	White	Male	13976	3760
Confirmed	Unknown	White	Male	128	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	6	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	10	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	13	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	6	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	11	0
Confirmed	10-19	Black/African American	Unknown	28	0
Confirmed	20-29	Black/African American	Unknown	132	0
Confirmed	30-39	Black/African American	Unknown	119	0
Confirmed	40-49	Black/African American	Unknown	123	0
Confirmed	50-59	Black/African American	Unknown	99	0
Confirmed	60-69	Black/African American	Unknown	45	0
Confirmed	70-79	Black/African American	Unknown	12	Suppressed
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	19	0
Confirmed	10-19	Multiple Races	Unknown	26	0
Confirmed	20-29	Multiple Races	Unknown	29	0
Confirmed	30-39	Multiple Races	Unknown	22	0
Confirmed	40-49	Multiple Races	Unknown	22	0
Confirmed	50-59	Multiple Races	Unknown	11	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	65	0
Confirmed	10-19	Other	Unknown	92	0
Confirmed	20-29	Other	Unknown	143	0
Confirmed	30-39	Other	Unknown	160	0
Confirmed	40-49	Other	Unknown	156	0
Confirmed	50-59	Other	Unknown	83	0
Confirmed	60-69	Other	Unknown	57	0
Confirmed	70-79	Other	Unknown	18	0
Confirmed	80+	Other	Unknown	18	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	321	0
Confirmed	10-19	Unknown	Unknown	706	0
Confirmed	20-29	Unknown	Unknown	840	0
Confirmed	30-39	Unknown	Unknown	669	0
Confirmed	40-49	Unknown	Unknown	633	0
Confirmed	50-59	Unknown	Unknown	549	Suppressed
Confirmed	60-69	Unknown	Unknown	323	0

Confirmed	70-79	Unknown	Unknown	147	0
Confirmed	80+	Unknown	Unknown	75	0
Confirmed	Unknown	Unknown	Unknown	84	0
Confirmed	0-9	White	Unknown	71	0
Confirmed	10-19	White	Unknown	243	0
Confirmed	20-29	White	Unknown	308	0
Confirmed	30-39	White	Unknown	282	0
Confirmed	40-49	White	Unknown	261	0
Confirmed	50-59	White	Unknown	218	0
Confirmed	60-69	White	Unknown	172	Suppressed
Confirmed	70-79	White	Unknown	71	Suppressed
Confirmed	80+	White	Unknown	29	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	103	0
Probable	10-19	American Indian/Alaska Native	Female	204	0
Probable	20-29	American Indian/Alaska Native	Female	156	0
Probable	30-39	American Indian/Alaska Native	Female	155	0
Probable	40-49	American Indian/Alaska Native	Female	124	0
Probable	50-59	American Indian/Alaska Native	Female	88	0
Probable	60-69	American Indian/Alaska Native	Female	51	Suppressed
Probable	70-79	American Indian/Alaska Native	Female	24	Suppressed
Probable	80+	American Indian/Alaska Native	Female	11	6
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	69	0
Probable	10-19	Asian/Pacific Islander	Female	133	0
Probable	20-29	Asian/Pacific Islander	Female	199	0
Probable	30-39	Asian/Pacific Islander	Female	149	0
Probable	40-49	Asian/Pacific Islander	Female	144	0
Probable	50-59	Asian/Pacific Islander	Female	105	0
Probable	60-69	Asian/Pacific Islander	Female	55	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	24	Suppressed
Probable	80+	Asian/Pacific Islander	Female	10	0
Probable	Unknown	Asian/Pacific Islander	Female	8	0
Probable	0-9	Black/African American	Female	460	0
Probable	10-19	Black/African American	Female	978	0
Probable	20-29	Black/African American	Female	1454	Suppressed
Probable	30-39	Black/African American	Female	1206	Suppressed
Probable	40-49	Black/African American	Female	900	7
Probable	50-59	Black/African American	Female	645	15
Probable	60-69	Black/African American	Female	421	27
Probable	70-79	Black/African American	Female	160	21
Probable	80+	Black/African American	Female	100	39
Probable	Unknown	Black/African American	Female	32	Suppressed
Probable	0-9	Multiple Races	Female	247	0
Probable	10-19	Multiple Races	Female	448	0
Probable	20-29	Multiple Races	Female	298	0
Probable	30-39	Multiple Races	Female	225	0
Probable	40-49	Multiple Races	Female	208	0
Probable	50-59	Multiple Races	Female	184	Suppressed
Probable	60-69	Multiple Races	Female	134	Suppressed

Probable	70-79	Multiple Races	Female	49	Suppressed
Probable	80+	Multiple Races	Female	35	7
Probable	Unknown	Multiple Races	Female	71	0
Probable	0-9	Other	Female	159	0
Probable	10-19	Other	Female	370	0
Probable	20-29	Other	Female	442	0
Probable	30-39	Other	Female	364	0
Probable	40-49	Other	Female	291	0
Probable	50-59	Other	Female	217	Suppressed
Probable	60-69	Other	Female	100	Suppressed
Probable	70-79	Other	Female	48	0
Probable	80+	Other	Female	20	Suppressed
Probable	Unknown	Other	Female	19	0
Probable	0-9	Unknown	Female	1681	Suppressed
Probable	10-19	Unknown	Female	3814	0
Probable	20-29	Unknown	Female	4294	0
Probable	30-39	Unknown	Female	3618	Suppressed
Probable	40-49	Unknown	Female	3342	0
Probable	50-59	Unknown	Female	3154	Suppressed
Probable	60-69	Unknown	Female	1955	8
Probable	70-79	Unknown	Female	806	Suppressed
Probable	80+	Unknown	Female	479	25
Probable	Unknown	Unknown	Female	2056	0
Probable	0-9	White	Female	3867	0
Probable	10-19	White	Female	8784	0
Probable	20-29	White	Female	8023	Suppressed
Probable	30-39	White	Female	7607	Suppressed
Probable	40-49	White	Female	6848	15
Probable	50-59	White	Female	6248	49
Probable	60-69	White	Female	4036	57
Probable	70-79	White	Female	2110	110
Probable	80+	White	Female	2145	389
Probable	Unknown	White	Female	513	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	131	0
Probable	10-19	American Indian/Alaska Native	Male	237	0
Probable	20-29	American Indian/Alaska Native	Male	150	0
Probable	30-39	American Indian/Alaska Native	Male	119	0
Probable	40-49	American Indian/Alaska Native	Male	99	Suppressed
Probable	50-59	American Indian/Alaska Native	Male	79	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	37	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	19	7
Probable	80+	American Indian/Alaska Native	Male	11	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	91	0
Probable	10-19	Asian/Pacific Islander	Male	155	0
Probable	20-29	Asian/Pacific Islander	Male	213	0
Probable	30-39	Asian/Pacific Islander	Male	162	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	116	0
Probable	50-59	Asian/Pacific Islander	Male	83	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	35	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	10	Suppressed
Probable	80+	Asian/Pacific Islander	Male	11	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	476	0
Probable	10-19	Black/African American	Male	952	Suppressed
Probable	20-29	Black/African American	Male	1193	Suppressed
Probable	30-39	Black/African American	Male	1087	Suppressed
Probable	40-49	Black/African American	Male	809	12
Probable	50-59	Black/African American	Male	630	24
Probable	60-69	Black/African American	Male	336	37
Probable	70-79	Black/African American	Male	127	37
Probable	80+	Black/African American	Male	48	24
Probable	Unknown	Black/African American	Male	30	0
Probable	0-9	Multiple Races	Male	213	0
Probable	10-19	Multiple Races	Male	451	0
Probable	20-29	Multiple Races	Male	216	Suppressed
Probable	30-39	Multiple Races	Male	190	0
Probable	40-49	Multiple Races	Male	169	Suppressed
Probable	50-59	Multiple Races	Male	128	0
Probable	60-69	Multiple Races	Male	100	Suppressed
Probable	70-79	Multiple Races	Male	47	Suppressed
Probable	80+	Multiple Races	Male	21	7
Probable	Unknown	Multiple Races	Male	63	0
Probable	0-9	Other	Male	179	0
Probable	10-19	Other	Male	395	0
Probable	20-29	Other	Male	422	0
Probable	30-39	Other	Male	347	0
Probable	40-49	Other	Male	290	Suppressed
Probable	50-59	Other	Male	199	Suppressed
Probable	60-69	Other	Male	120	6
Probable	70-79	Other	Male	49	Suppressed
Probable	80+	Other	Male	10	Suppressed
Probable	Unknown	Other	Male	21	0
Probable	0-9	Unknown	Male	1692	0
Probable	10-19	Unknown	Male	3875	0
Probable	20-29	Unknown	Male	4044	0
Probable	30-39	Unknown	Male	3457	Suppressed
Probable	40-49	Unknown	Male	3035	Suppressed
Probable	50-59	Unknown	Male	2982	6
Probable	60-69	Unknown	Male	1691	10
Probable	70-79	Unknown	Male	671	10
Probable	80+	Unknown	Male	281	19
Probable	Unknown	Unknown	Male	1821	0
Probable	0-9	White	Male	4136	Suppressed
Probable	10-19	White	Male	8642	Suppressed
Probable	20-29	White	Male	6774	Suppressed
Probable	30-39	White	Male	6062	12
Probable	40-49	White	Male	5595	29
Probable	50-59	White	Male	5532	48
Probable	60-69	White	Male	3631	116

Probable	70-79	White	Male	1831	170
Probable	80+	White	Male	1179	256
Probable	Unknown	White	Male	436	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	7	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	15	0
Probable	10-19	Black/African American	Unknown	31	0
Probable	20-29	Black/African American	Unknown	12	0
Probable	30-39	Black/African American	Unknown	6	0
Probable	40-49	Black/African American	Unknown	9	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	7	0
Probable	0-9	Multiple Races	Unknown	18	0
Probable	10-19	Multiple Races	Unknown	45	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	23	0
Probable	40-49	Multiple Races	Unknown	17	0
Probable	50-59	Multiple Races	Unknown	12	0
Probable	60-69	Multiple Races	Unknown	6	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	Suppressed	0
Probable	Unknown	Multiple Races	Unknown	21	0
Probable	0-9	Other	Unknown	21	0
Probable	10-19	Other	Unknown	55	0
Probable	20-29	Other	Unknown	53	0
Probable	30-39	Other	Unknown	61	0
Probable	40-49	Other	Unknown	46	0
Probable	50-59	Other	Unknown	33	0
Probable	60-69	Other	Unknown	25	0

Probable	70-79	Other	Unknown	12	0
Probable	80+	Other	Unknown	Suppressed	0
Probable	Unknown	Other	Unknown	15	0
Probable	0-9	Unknown	Unknown	724	0
Probable	10-19	Unknown	Unknown	1407	0
Probable	20-29	Unknown	Unknown	1153	0
Probable	30-39	Unknown	Unknown	984	Suppressed
Probable	40-49	Unknown	Unknown	984	0
Probable	50-59	Unknown	Unknown	817	0
Probable	60-69	Unknown	Unknown	477	Suppressed
Probable	70-79	Unknown	Unknown	181	0
Probable	80+	Unknown	Unknown	74	Suppressed
Probable	Unknown	Unknown	Unknown	2527	0
Probable	0-9	White	Unknown	116	0
Probable	10-19	White	Unknown	240	0
Probable	20-29	White	Unknown	118	Suppressed
Probable	30-39	White	Unknown	110	0
Probable	40-49	White	Unknown	118	0
Probable	50-59	White	Unknown	92	0
Probable	60-69	White	Unknown	46	0
Probable	70-79	White	Unknown	36	0
Probable	80+	White	Unknown	14	Suppressed
Probable	Unknown	White	Unknown	67	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2021-12-01

Updated	COUNTY	TestType	Count	RatePerMillion
2021/12/01 14:20:02	Alcona	Diagnostic	11518	1106968
2021/12/01 14:20:02	Alcona	Serology	246	23642
2021/12/01 14:20:02	Alcona	Total	11764	1130610
2021/12/01 14:20:02	Alger	Serology	500	54897
2021/12/01 14:20:02	Alger	Diagnostic	10146	1113966
2021/12/01 14:20:02	Alger	Total	10646	1168863
2021/12/01 14:20:02	Allegan	Serology	3807	32241
2021/12/01 14:20:02	Allegan	Diagnostic	164903	1396524
2021/12/01 14:20:02	Allegan	Total	168710	1428765
2021/12/01 14:20:02	Alpena	Diagnostic	35239	1240591
2021/12/01 14:20:02	Alpena	Serology	920	32389
2021/12/01 14:20:02	Alpena	Total	36159	1272980
2021/12/01 14:20:02	Antrim	Diagnostic	30390	1302950
2021/12/01 14:20:02	Antrim	Serology	973	41717
2021/12/01 14:20:02	Antrim	Total	31363	1344666
2021/12/01 14:20:02	Arenac	Diagnostic	25694	1726399
2021/12/01 14:20:02	Arenac	Serology	594	39911
2021/12/01 14:20:02	Arenac	Total	26288	1766311
2021/12/01 14:20:02	Baraga	Diagnostic	11208	1365331
2021/12/01 14:20:02	Baraga	Serology	71	8649
2021/12/01 14:20:02	Baraga	Total	11279	1373980
2021/12/01 14:20:02	Barry	Diagnostic	81342	1321560
2021/12/01 14:20:02	Barry	Serology	2579	41901
2021/12/01 14:20:02	Barry	Total	83921	1363461
2021/12/01 14:20:02	Bay	Serology	7998	77556
2021/12/01 14:20:02	Bay	Diagnostic	175762	1704342
2021/12/01 14:20:02	Bay	Total	183760	1781898
2021/12/01 14:20:02	Benzie	Diagnostic	18088	1018125
2021/12/01 14:20:02	Benzie	Serology	848	47732
2021/12/01 14:20:02	Benzie	Total	18936	1065856
2021/12/01 14:20:02	Berrien	Serology	7776	50691
2021/12/01 14:20:02	Berrien	Diagnostic	307200	2002595
2021/12/01 14:20:02	Berrien	Total	314976	2053285
2021/12/01 14:20:02	Branch	Diagnostic	62839	1444010
2021/12/01 14:20:02	Branch	Serology	831	19096
2021/12/01 14:20:02	Branch	Total	63670	1463106
2021/12/01 14:20:02	Calhoun	Diagnostic	270650	2017382
2021/12/01 14:20:02	Calhoun	Serology	2230	16622
2021/12/01 14:20:02	Calhoun	Total	272880	2034004
2021/12/01 14:20:02	Cass	Serology	1010	19503
2021/12/01 14:20:02	Cass	Diagnostic	54499	1052368
2021/12/01 14:20:02	Cass	Total	55509	1071871
2021/12/01 14:20:02	Charlevoix	Diagnostic	31353	1199289
2021/12/01 14:20:02	Charlevoix	Serology	1292	49420
2021/12/01 14:20:02	Charlevoix	Total	32645	1248709
2021/12/01 14:20:02	Cheboygan	Serology	764	30226
2021/12/01 14:20:02	Cheboygan	Diagnostic	24787	980654

2021/12/01 14:20:02	Cheboygan	Total	25551	1010880
2021/12/01 14:20:02	Chippewa	Diagnostic	41037	1098744
2021/12/01 14:20:02	Chippewa	Serology	504	13494
2021/12/01 14:20:02	Chippewa	Total	41541	1112239
2021/12/01 14:20:02	Clare	Serology	1388	44847
2021/12/01 14:20:02	Clare	Diagnostic	38905	1257027
2021/12/01 14:20:02	Clare	Total	40293	1301874
2021/12/01 14:20:02	Clinton	Serology	5176	65029
2021/12/01 14:20:02	Clinton	Diagnostic	79575	999749
2021/12/01 14:20:02	Clinton	Total	84751	1064778
2021/12/01 14:20:02	Correctional	Diagnostic	1046105	
2021/12/01 14:20:02	Correctional	Serology	31456	
2021/12/01 14:20:02	Correctional	Total	1077561	
2021/12/01 14:20:02	Crawford	Serology	438	31221
2021/12/01 14:20:02	Crawford	Diagnostic	15713	1120037
2021/12/01 14:20:02	Crawford	Total	16151	1151258
2021/12/01 14:20:02	Delta	Diagnostic	58137	1624665
2021/12/01 14:20:02	Delta	Serology	1144	31970
2021/12/01 14:20:02	Delta	Total	59281	1656634
2021/12/01 14:20:02	Detroit City	Serology	33415	51423
2021/12/01 14:20:02	Detroit City	Diagnostic	1298883	1998884
2021/12/01 14:20:02	Detroit City	Total	1332298	2050307
2021/12/01 14:20:02	Dickinson	Serology	222	8796
2021/12/01 14:20:02	Dickinson	Diagnostic	28416	1125877
2021/12/01 14:20:02	Dickinson	Total	28638	1134673
2021/12/01 14:20:02	Eaton	Diagnostic	178800	1621504
2021/12/01 14:20:02	Eaton	Serology	7615	69059
2021/12/01 14:20:02	Eaton	Total	186415	1690563
2021/12/01 14:20:02	Emmet	Serology	1865	55813
2021/12/01 14:20:02	Emmet	Diagnostic	43409	1299087
2021/12/01 14:20:02	Emmet	Total	45274	1354900
2021/12/01 14:20:02	Genesee	Serology	25283	62302
2021/12/01 14:20:02	Genesee	Diagnostic	559453	1378598
2021/12/01 14:20:02	Genesee	Total	584736	1440900
2021/12/01 14:20:02	Gladwin	Diagnostic	32491	1276710
2021/12/01 14:20:02	Gladwin	Serology	1355	53244
2021/12/01 14:20:02	Gladwin	Total	33846	1329954
2021/12/01 14:20:02	Gogebic	Diagnostic	25526	1826547
2021/12/01 14:20:02	Gogebic	Serology	265	18962
2021/12/01 14:20:02	Gogebic	Total	25791	1845510
2021/12/01 14:20:02	Grand Traverse	Serology	7551	81117
2021/12/01 14:20:02	Grand Traverse	Diagnostic	124968	1342472
2021/12/01 14:20:02	Grand Traverse	Total	132519	1423588
2021/12/01 14:20:02	Gratiot	Serology	1430	35126
2021/12/01 14:20:02	Gratiot	Diagnostic	77929	1914200
2021/12/01 14:20:02	Gratiot	Total	79359	1949326
2021/12/01 14:20:02	Hillsdale	Diagnostic	64190	1407521
2021/12/01 14:20:02	Hillsdale	Serology	1483	32518
2021/12/01 14:20:02	Hillsdale	Total	65673	1440039
2021/12/01 14:20:02	Houghton	Diagnostic	65514	1835949

2021/12/01 14:20:02	Houghton	Serology	311	8715
2021/12/01 14:20:02	Houghton	Total	65825	1844664
2021/12/01 14:20:02	Huron	Diagnostic	39339	1269778
2021/12/01 14:20:02	Huron	Serology	1245	40186
2021/12/01 14:20:02	Huron	Total	40584	1309964
2021/12/01 14:20:02	Ingham	Serology	22836	78097
2021/12/01 14:20:02	Ingham	Diagnostic	477390	1632627
2021/12/01 14:20:02	Ingham	Total	500226	1710724
2021/12/01 14:20:02	Ionia	Serology	2990	46215
2021/12/01 14:20:02	Ionia	Diagnostic	107609	1663277
2021/12/01 14:20:02	Ionia	Total	110599	1709492
2021/12/01 14:20:02	Iosco	Diagnostic	39314	1564612
2021/12/01 14:20:02	Iosco	Serology	789	31400
2021/12/01 14:20:02	Iosco	Total	40103	1596012
2021/12/01 14:20:02	Iron	Diagnostic	30081	2718326
2021/12/01 14:20:02	Iron	Serology	142	12832
2021/12/01 14:20:02	Iron	Total	30223	2731159
2021/12/01 14:20:02	Isabella	Diagnostic	94056	1346119
2021/12/01 14:20:02	Isabella	Serology	1865	26692
2021/12/01 14:20:02	Isabella	Total	95921	1372810
2021/12/01 14:20:02	Jackson	Serology	5131	32370
2021/12/01 14:20:02	Jackson	Diagnostic	306182	1931626
2021/12/01 14:20:02	Jackson	Total	311313	1963996
2021/12/01 14:20:02	Kalamazoo	Diagnostic	443460	1673017
2021/12/01 14:20:02	Kalamazoo	Serology	7867	29679
2021/12/01 14:20:02	Kalamazoo	Total	451327	1702697
2021/12/01 14:20:02	Kalkaska	Diagnostic	25014	1386739
2021/12/01 14:20:02	Kalkaska	Serology	933	51724
2021/12/01 14:20:02	Kalkaska	Total	25947	1438463
2021/12/01 14:20:02	Kent	Diagnostic	1284836	1955744
2021/12/01 14:20:02	Kent	Serology	54367	82756
2021/12/01 14:20:02	Kent	Total	1339203	2038500
2021/12/01 14:20:02	Keweenaw	Diagnostic	3306	1562382
2021/12/01 14:20:02	Keweenaw	Serology	40	18904
2021/12/01 14:20:02	Keweenaw	Total	3346	1581285
2021/12/01 14:20:02	Lake	Serology	282	23791
2021/12/01 14:20:02	Lake	Diagnostic	15134	1276808
2021/12/01 14:20:02	Lake	Total	15416	1300599
2021/12/01 14:20:02	Lapeer	Serology	4987	56925
2021/12/01 14:20:02	Lapeer	Diagnostic	98146	1120299
2021/12/01 14:20:02	Lapeer	Total	103133	1177223
2021/12/01 14:20:02	Leelanau	Serology	1262	57994
2021/12/01 14:20:02	Leelanau	Diagnostic	17937	824273
2021/12/01 14:20:02	Leelanau	Total	19199	882266
2021/12/01 14:20:02	Lenawee	Diagnostic	181967	1848300
2021/12/01 14:20:02	Lenawee	Serology	3092	31406
2021/12/01 14:20:02	Lenawee	Total	185059	1879707
2021/12/01 14:20:02	Livingston	Diagnostic	299576	1560332
2021/12/01 14:20:02	Livingston	Serology	10572	55064
2021/12/01 14:20:02	Livingston	Total	310148	1615396

2021/12/01 14:20:02	Luce	Diagnostic	8253	1324932
2021/12/01 14:20:02	Luce	Serology	40	6422
2021/12/01 14:20:02	Luce	Total	8293	1331353
2021/12/01 14:20:02	Mackinac	Diagnostic	13528	1252709
2021/12/01 14:20:02	Mackinac	Serology	210	19446
2021/12/01 14:20:02	Mackinac	Total	13738	1272155
2021/12/01 14:20:02	Macomb	Diagnostic	1357419	1553161
2021/12/01 14:20:02	Macomb	Serology	81836	93637
2021/12/01 14:20:02	Macomb	Total	1439255	1646798
2021/12/01 14:20:02	Manistee	Diagnostic	27745	1129774
2021/12/01 14:20:02	Manistee	Serology	1110	45199
2021/12/01 14:20:02	Manistee	Total	28855	1174974
2021/12/01 14:20:02	Marquette	Diagnostic	162719	2439602
2021/12/01 14:20:02	Marquette	Serology	1677	25143
2021/12/01 14:20:02	Marquette	Total	164396	2464745
2021/12/01 14:20:02	Mason	Serology	1309	44915
2021/12/01 14:20:02	Mason	Diagnostic	49497	1698360
2021/12/01 14:20:02	Mason	Total	50806	1743275
2021/12/01 14:20:02	Mecosta	Diagnostic	56450	1299105
2021/12/01 14:20:02	Mecosta	Serology	1310	30148
2021/12/01 14:20:02	Mecosta	Total	57760	1329252
2021/12/01 14:20:02	Menominee	Diagnostic	35771	1570281
2021/12/01 14:20:02	Menominee	Serology	236	10360
2021/12/01 14:20:02	Menominee	Total	36007	1580641
2021/12/01 14:20:02	Midland	Diagnostic	104600	1257877
2021/12/01 14:20:02	Midland	Serology	8253	99247
2021/12/01 14:20:02	Midland	Total	112853	1357124
2021/12/01 14:20:02	Missaukee	Diagnostic	15398	1018521
2021/12/01 14:20:02	Missaukee	Serology	783	51793
2021/12/01 14:20:02	Missaukee	Total	16181	1070314
2021/12/01 14:20:02	Monroe	Serology	7745	51462
2021/12/01 14:20:02	Monroe	Diagnostic	220270	1463588
2021/12/01 14:20:02	Monroe	Total	228015	1515050
2021/12/01 14:20:02	Montcalm	Diagnostic	109696	1717005
2021/12/01 14:20:02	Montcalm	Serology	3104	48585
2021/12/01 14:20:02	Montcalm	Total	112800	1765590
2021/12/01 14:20:02	Montmorency	Serology	501	53709
2021/12/01 14:20:02	Montmorency	Diagnostic	12752	1367067
2021/12/01 14:20:02	Montmorency	Total	13253	1420776
2021/12/01 14:20:02	Muskegon	Diagnostic	303071	1746143
2021/12/01 14:20:02	Muskegon	Serology	4825	27799
2021/12/01 14:20:02	Muskegon	Total	307896	1773942
2021/12/01 14:20:02	Newaygo	Serology	2222	45365
2021/12/01 14:20:02	Newaygo	Diagnostic	65600	1339322
2021/12/01 14:20:02	Newaygo	Total	67822	1384688
2021/12/01 14:20:02	Oakland	Diagnostic	2109056	1677070
2021/12/01 14:20:02	Oakland	Serology	144577	114964
2021/12/01 14:20:02	Oakland	Total	2253633	1792034
2021/12/01 14:20:02	Oceana	Diagnostic	49297	1862584
2021/12/01 14:20:02	Oceana	Serology	1176	44433

2021/12/01 14:20:02	Oceana	Total	50473	1907016
2021/12/01 14:20:02	Ogemaw	Serology	703	33481
2021/12/01 14:20:02	Ogemaw	Diagnostic	28321	1348812
2021/12/01 14:20:02	Ogemaw	Total	29024	1382293
2021/12/01 14:20:02	Ontonagon	Diagnostic	10065	1759615
2021/12/01 14:20:02	Ontonagon	Serology	73	12762
2021/12/01 14:20:02	Ontonagon	Total	10138	1772378
2021/12/01 14:20:02	Osceola	Diagnostic	36068	1537425
2021/12/01 14:20:02	Osceola	Serology	1470	62660
2021/12/01 14:20:02	Osceola	Total	37538	1600085
2021/12/01 14:20:02	Oscoda	Diagnostic	8084	980949
2021/12/01 14:20:02	Oscoda	Serology	418	50722
2021/12/01 14:20:02	Oscoda	Total	8502	1031671
2021/12/01 14:20:02	Otsego	Serology	1334	54078
2021/12/01 14:20:02	Otsego	Diagnostic	34911	1415234
2021/12/01 14:20:02	Otsego	Total	36245	1469312
2021/12/01 14:20:02	Ottawa	Diagnostic	532702	1825385
2021/12/01 14:20:02	Ottawa	Serology	18383	62992
2021/12/01 14:20:02	Ottawa	Total	551085	1888377
2021/12/01 14:20:02	Presque Isle	Diagnostic	15118	1200604
2021/12/01 14:20:02	Presque Isle	Serology	647	51382
2021/12/01 14:20:02	Presque Isle	Total	15765	1251985
2021/12/01 14:20:02	Roscommon	Serology	904	37637
2021/12/01 14:20:02	Roscommon	Diagnostic	30623	1274949
2021/12/01 14:20:02	Roscommon	Total	31527	1312586
2021/12/01 14:20:02	Saginaw	Diagnostic	339480	1781682
2021/12/01 14:20:02	Saginaw	Serology	11056	58025
2021/12/01 14:20:02	Saginaw	Total	350536	1839707
2021/12/01 14:20:02	Sanilac	Diagnostic	64533	1567476
2021/12/01 14:20:02	Sanilac	Serology	1948	47316
2021/12/01 14:20:02	Sanilac	Total	66481	1614792
2021/12/01 14:20:02	Schoolcraft	Diagnostic	7051	871139
2021/12/01 14:20:02	Schoolcraft	Serology	74	9143
2021/12/01 14:20:02	Schoolcraft	Total	7125	880282
2021/12/01 14:20:02	Shiawassee	Serology	3289	48281
2021/12/01 14:20:02	Shiawassee	Diagnostic	103355	1517204
2021/12/01 14:20:02	Shiawassee	Total	106644	1565485
2021/12/01 14:20:02	St Clair	Diagnostic	213155	1339519
2021/12/01 14:20:02	St Clair	Serology	11016	69227
2021/12/01 14:20:02	St Clair	Total	224171	1408746
2021/12/01 14:20:02	St Joseph	Diagnostic	78918	1294502
2021/12/01 14:20:02	St Joseph	Serology	2027	33249
2021/12/01 14:20:02	St Joseph	Total	80945	1327751
2021/12/01 14:20:02	Tuscola	Serology	2805	53689
2021/12/01 14:20:02	Tuscola	Diagnostic	84547	1618279
2021/12/01 14:20:02	Tuscola	Total	87352	1671969
2021/12/01 14:20:02	Unknown	Serology	33170	
2021/12/01 14:20:02	Unknown	Diagnostic	684686	
2021/12/01 14:20:02	Unknown		19563992	
2021/12/01 14:20:02	Unknown	Total	20281848	

2021/12/01 14:20:02	Van Buren	Diagnostic	131372	1735957
2021/12/01 14:20:02	Van Buren	Serology	2003	26468
2021/12/01 14:20:02	Van Buren	Total	133375	1762425
2021/12/01 14:20:02	Washtenaw	Serology	20745	56433
2021/12/01 14:20:02	Washtenaw	Diagnostic	1050301	2857177
2021/12/01 14:20:02	Washtenaw	Total	1071046	2913610
2021/12/01 14:20:02	Wayne	Serology	96270	87216
2021/12/01 14:20:02	Wayne	Diagnostic	2064159	1870028
2021/12/01 14:20:02	Wayne	Total	2160429	1957244
2021/12/01 14:20:02	Wexford	Diagnostic	44902	1335137
2021/12/01 14:20:02	Wexford	Serology	1514	45018
2021/12/01 14:20:02	Wexford	Total	46416	1380155

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-12-01

MessageDate	COUNTY	Negative	Positive	Total
11/30/2021	Alcona	17	9	26
11/30/2021	Alger	5	1	6
11/30/2021	Allegan	330	113	443
11/30/2021	Alpena	58	37	95
11/30/2021	Antrim	76	12	88
11/30/2021	Arenac	46	22	68
11/30/2021	Baraga	6	2	8
11/30/2021	Barry	93	73	166
11/30/2021	Bay	381	145	526
11/30/2021	Benzie	29	8	37
11/30/2021	Berrien	584	185	769
11/30/2021	Branch	196	53	249
11/30/2021	Calhoun	720	202	922
11/30/2021	Cass	83	38	121
11/30/2021	Charlevoix	63	8	71
11/30/2021	Cheboygan	41	17	58
11/30/2021	Chippewa	81	4	85
11/30/2021	Clare	92	21	113
11/30/2021	Clinton	183	38	221
11/30/2021	Correctional	150	12	162
11/30/2021	Crawford	42	23	65
11/30/2021	Delta	88	16	104
11/30/2021	Detroit City	7126	530	7656
11/30/2021	Dickinson	61	10	71
11/30/2021	Eaton	430	147	577
11/30/2021	Emmet	57	16	73
11/30/2021	Genesee	1507	608	2115
11/30/2021	Gladwin	120	12	132
11/30/2021	Gogebic	57	31	88
11/30/2021	Grand Traverse	245	72	317
11/30/2021	Gratiot	113	24	137
11/30/2021	Hillsdale	126	49	175
11/30/2021	Houghton	165	84	249
11/30/2021	Huron	73	35	108
11/30/2021	Ingham	1027	226	1253
11/30/2021	Ionia	230	86	316
11/30/2021	Iosco	38	7	45
11/30/2021	Iron	38	10	48
11/30/2021	Isabella	332	54	386
11/30/2021	Jackson	737	204	941
11/30/2021	Kalamazoo	1135	308	1443
11/30/2021	Kalkaska	52	24	76
11/30/2021	Kent	2592	917	3509
11/30/2021	Keweenaw	13	2	15
11/30/2021	Lake	24	16	40
11/30/2021	Lapeer	259	119	378
11/30/2021	Leelanau	33	9	42

11/30/2021	Lenawee	474	113	587
11/30/2021	Livingston	731	208	939
11/30/2021	Luce	13	7	20
11/30/2021	Mackinac	27	8	35
11/30/2021	Macomb	3872	1105	4977
11/30/2021	Manistee	61	14	75
11/30/2021	Marquette	201	54	255
11/30/2021	Mason	128	46	174
11/30/2021	Mecosta	108	44	152
11/30/2021	Menominee	71	6	77
11/30/2021	Midland	302	56	358
11/30/2021	Missaukee	23	6	29
11/30/2021	Monroe	531	147	678
11/30/2021	Montcalm	247	57	304
11/30/2021	Montmorency	22	10	32
11/30/2021	Muskegon	647	250	897
11/30/2021	Newaygo	168	70	238
11/30/2021	Oakland	6185	1194	7379
11/30/2021	Oceana	103	46	149
11/30/2021	Ogemaw	39	13	52
11/30/2021	Ontonagon	14	3	17
11/30/2021	Osceola	46	19	65
11/30/2021	Oscoda	17	2	19
11/30/2021	Otsego	75	28	103
11/30/2021	Ottawa	1192	545	1737
11/30/2021	Presque Isle	34	4	38
11/30/2021	Roscommon	64	30	94
11/30/2021	Saginaw	713	243	956
11/30/2021	Sanilac	123	53	176
11/30/2021	Schoolcraft	3	4	7
11/30/2021	Shiawassee	361	127	488
11/30/2021	St Clair	555	194	749
11/30/2021	St Joseph	151	88	239
11/30/2021	Tuscola	160	111	271
11/30/2021	Unknown	1142	285	1427
11/30/2021	Van Buren	310	121	431
11/30/2021	Washtenaw	3067	271	3338
11/30/2021	Wayne	6933	1560	8493
11/30/2021	Wexford	79	23	102
11/29/2021	Alcona	17	7	24
11/29/2021	Alger	7	1	8
11/29/2021	Allegan	409	87	496
11/29/2021	Alpena	55	21	76
11/29/2021	Antrim	28	10	38
11/29/2021	Arenac	40	11	51
11/29/2021	Baraga	4	1	5
11/29/2021	Barry	153	33	186
11/29/2021	Bay	355	84	439
11/29/2021	Benzie	18	3	21
11/29/2021	Berrien	352	128	480

11/29/2021	Branch	127	64	191
11/29/2021	Calhoun	502	154	656
11/29/2021	Cass	53	27	80
11/29/2021	Charlevoix	34	10	44
11/29/2021	Cheboygan	13	3	16
11/29/2021	Chippewa	102	12	114
11/29/2021	Clare	52	21	73
11/29/2021	Clinton	110	40	150
11/29/2021	Correctional	30	7	37
11/29/2021	Crawford	16	8	24
11/29/2021	Delta	85	22	107
11/29/2021	Detroit City	1446	317	1763
11/29/2021	Dickinson	112	8	120
11/29/2021	Eaton	275	76	351
11/29/2021	Emmet	37	13	50
11/29/2021	Genesee	967	394	1361
11/29/2021	Gladwin	52	14	66
11/29/2021	Gogebic	18	7	25
11/29/2021	Grand Traverse	211	42	253
11/29/2021	Gratiot	61	7	68
11/29/2021	Hillsdale	100	66	166
11/29/2021	Houghton	54	13	67
11/29/2021	Huron	63	15	78
11/29/2021	Ingham	748	192	940
11/29/2021	Ionia	108	21	129
11/29/2021	Iosco	40	6	46
11/29/2021	Iron	41	12	53
11/29/2021	Isabella	150	37	187
11/29/2021	Jackson	449	145	594
11/29/2021	Kalamazoo	1052	246	1298
11/29/2021	Kalkaska	38	8	46
11/29/2021	Kent	1940	542	2482
11/29/2021	Keweenaw	1	1	2
11/29/2021	Lake	8	1	9
11/29/2021	Lapeer	220	101	321
11/29/2021	Leelanau	24	0	24
11/29/2021	Lenawee	284	79	363
11/29/2021	Livingston	500	146	646
11/29/2021	Luce	14	9	23
11/29/2021	Mackinac	24	4	28
11/29/2021	Macomb	2457	717	3174
11/29/2021	Manistee	44	16	60
11/29/2021	Marquette	146	32	178
11/29/2021	Mason	73	31	104
11/29/2021	Mecosta	64	17	81
11/29/2021	Menominee	47	9	56
11/29/2021	Midland	239	57	296
11/29/2021	Missaukee	13	4	17
11/29/2021	Monroe	423	95	518
11/29/2021	Montcalm	139	24	163

11/29/2021	Montmorency	14	7	21
11/29/2021	Muskegon	608	201	809
11/29/2021	Newaygo	70	34	104
11/29/2021	Oakland	3923	856	4779
11/29/2021	Oceana	57	28	85
11/29/2021	Ogemaw	41	7	48
11/29/2021	Ontonagon	19	3	22
11/29/2021	Osceola	28	18	46
11/29/2021	Oscoda	12	3	15
11/29/2021	Otsego	46	11	57
11/29/2021	Ottawa	776	254	1030
11/29/2021	Presque Isle	11	3	14
11/29/2021	Roscommon	51	15	66
11/29/2021	Saginaw	574	151	725
11/29/2021	Sanilac	55	25	80
11/29/2021	Schoolcraft	8	2	10
11/29/2021	Shiawassee	180	78	258
11/29/2021	St Clair	450	156	606
11/29/2021	St Joseph	105	46	151
11/29/2021	Tuscola	121	68	189
11/29/2021	Unknown	490	204	694
11/29/2021	Van Buren	246	84	330
11/29/2021	Washtenaw	1269	149	1418
11/29/2021	Wayne	3665	915	4580
11/29/2021	Wexford	51	20	71